

FIG. 1A

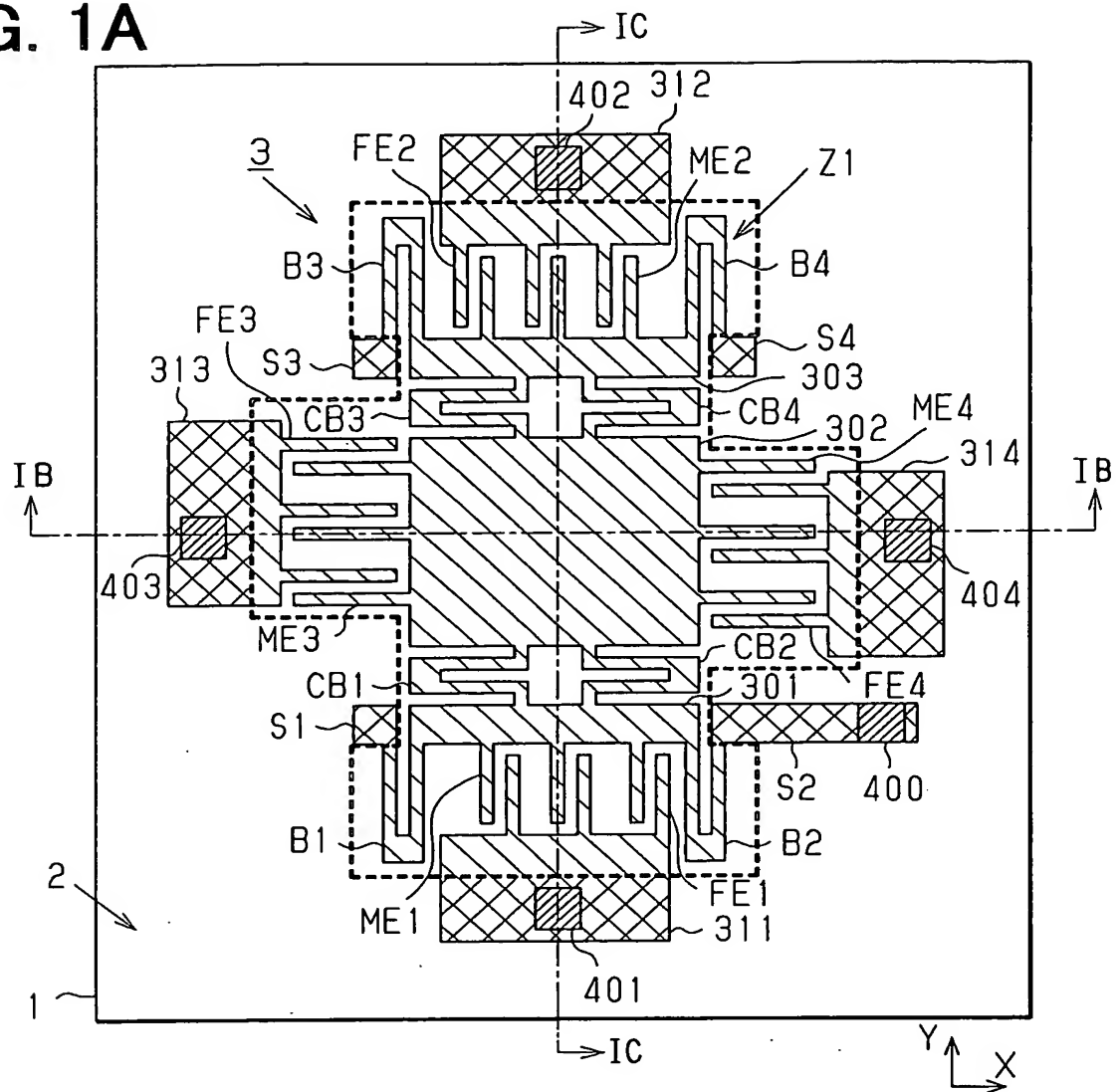


FIG. 1B

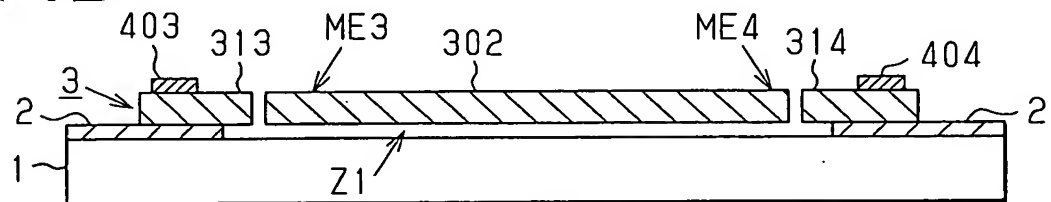


FIG. 1C

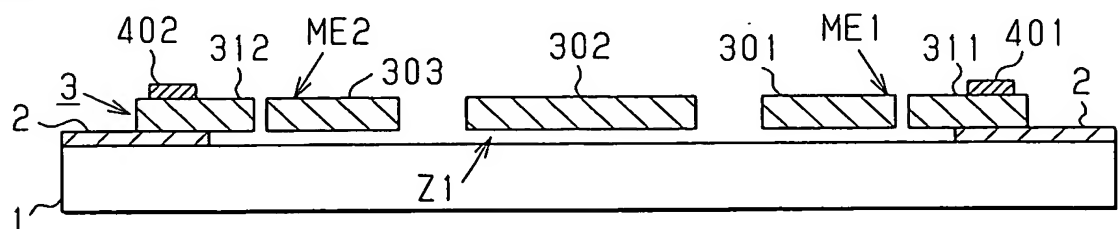


FIG. 2

	FIRST EMBODIMENT	PRIOR ART
RESONANCE MODE		
Z DIRECTION	1.30 (13.0kHz)	0.34 (3.4kHz)
MASS ROTATION	1.59 (15.9kHz)	1.32 (13.2kHz)
BEAM SURGE	3.51 (35.1kHz)	1.92 (19.2kHz)

FIG. 3A

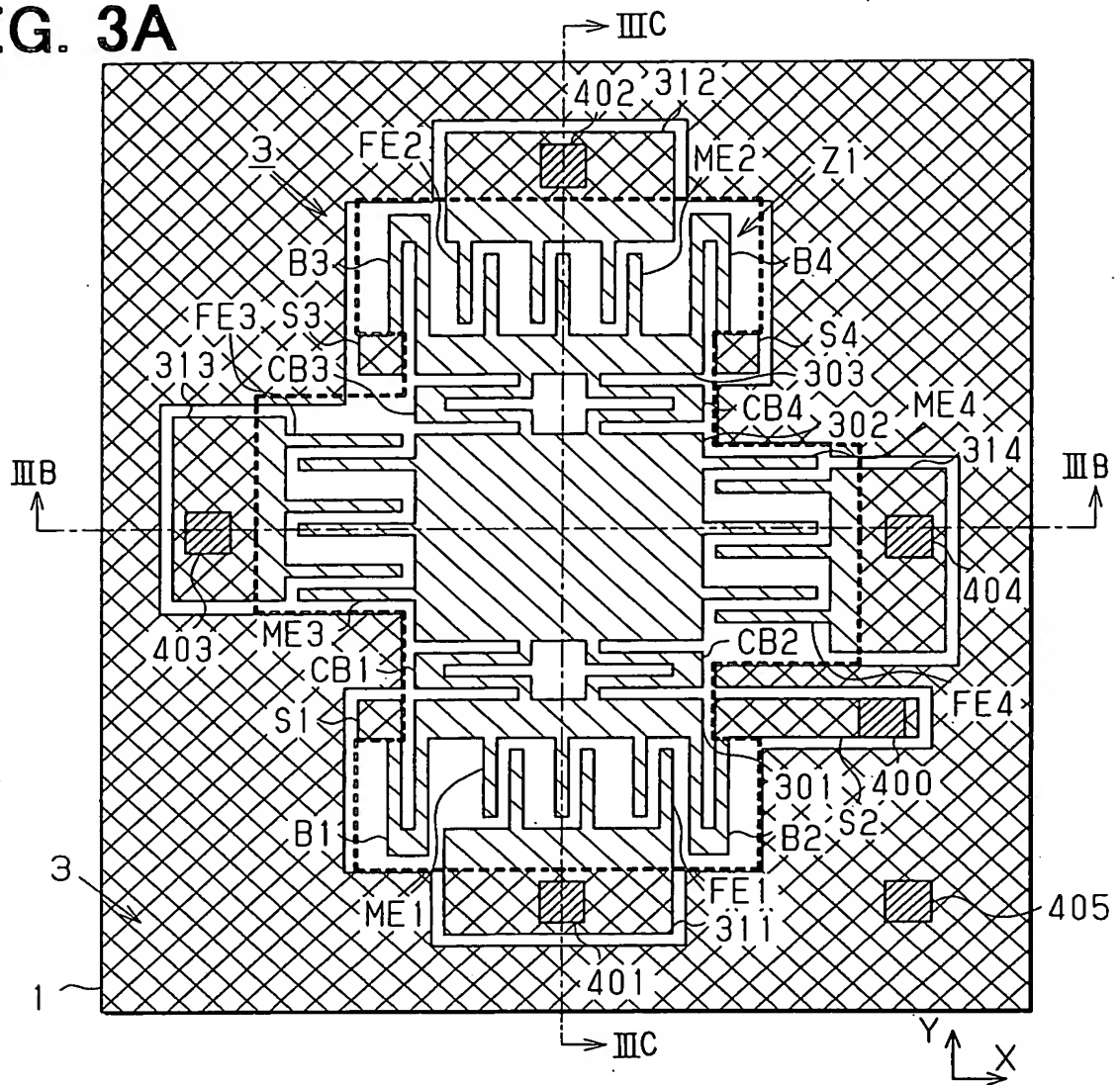


FIG. 3B

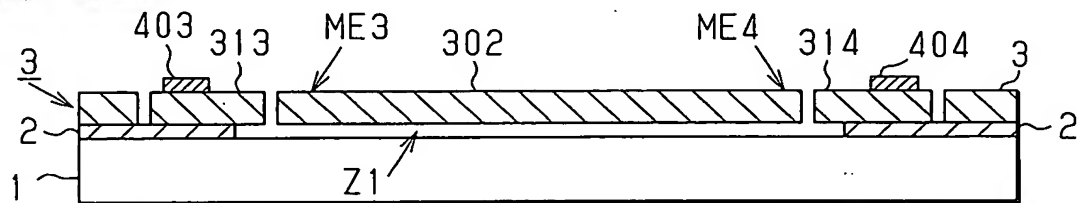


FIG. 3C

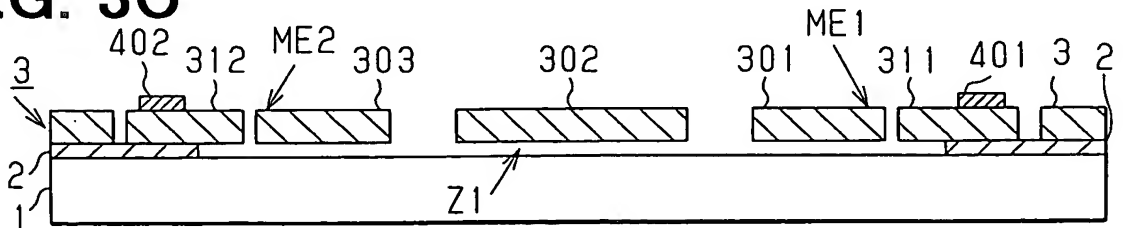


FIG. 4A

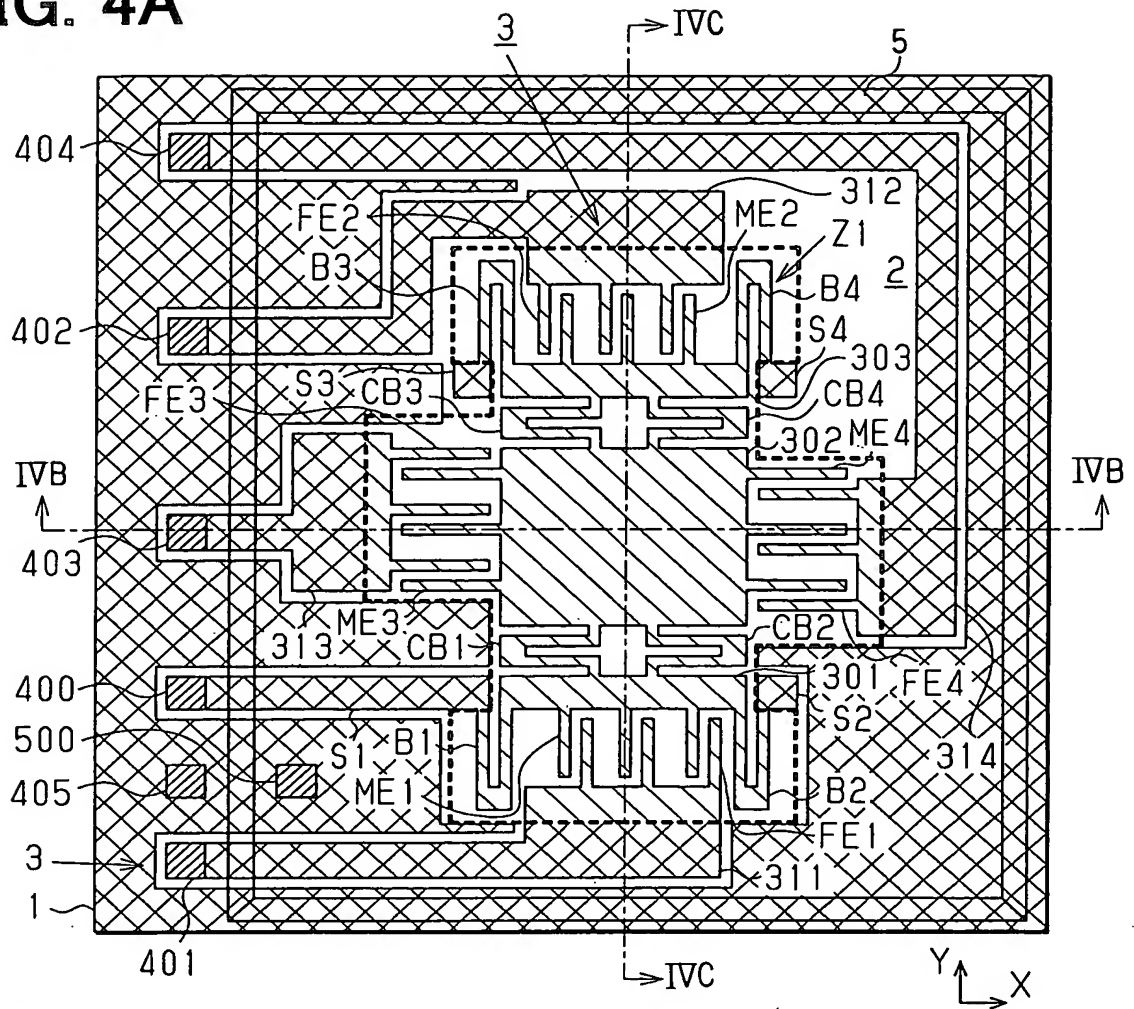


FIG. 4B

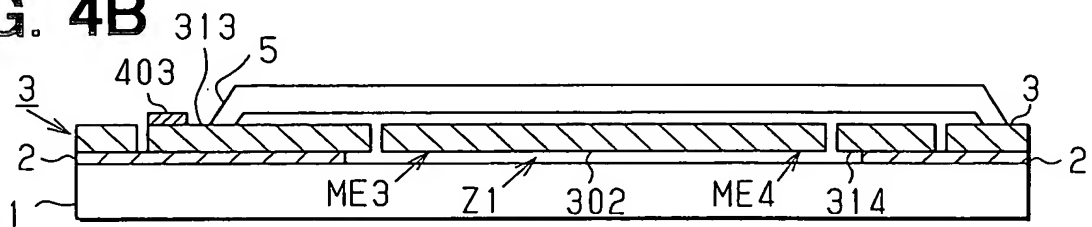


FIG. 4C

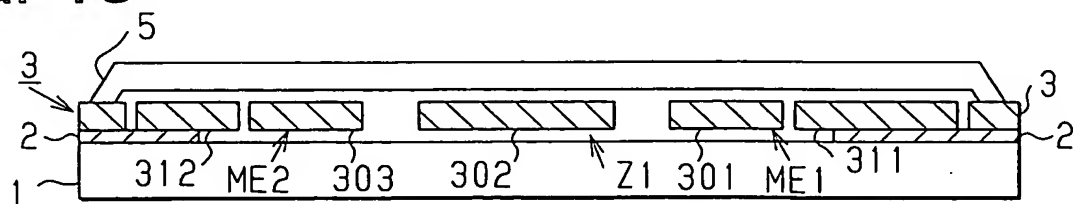


FIG. 5A
PRIOR ART

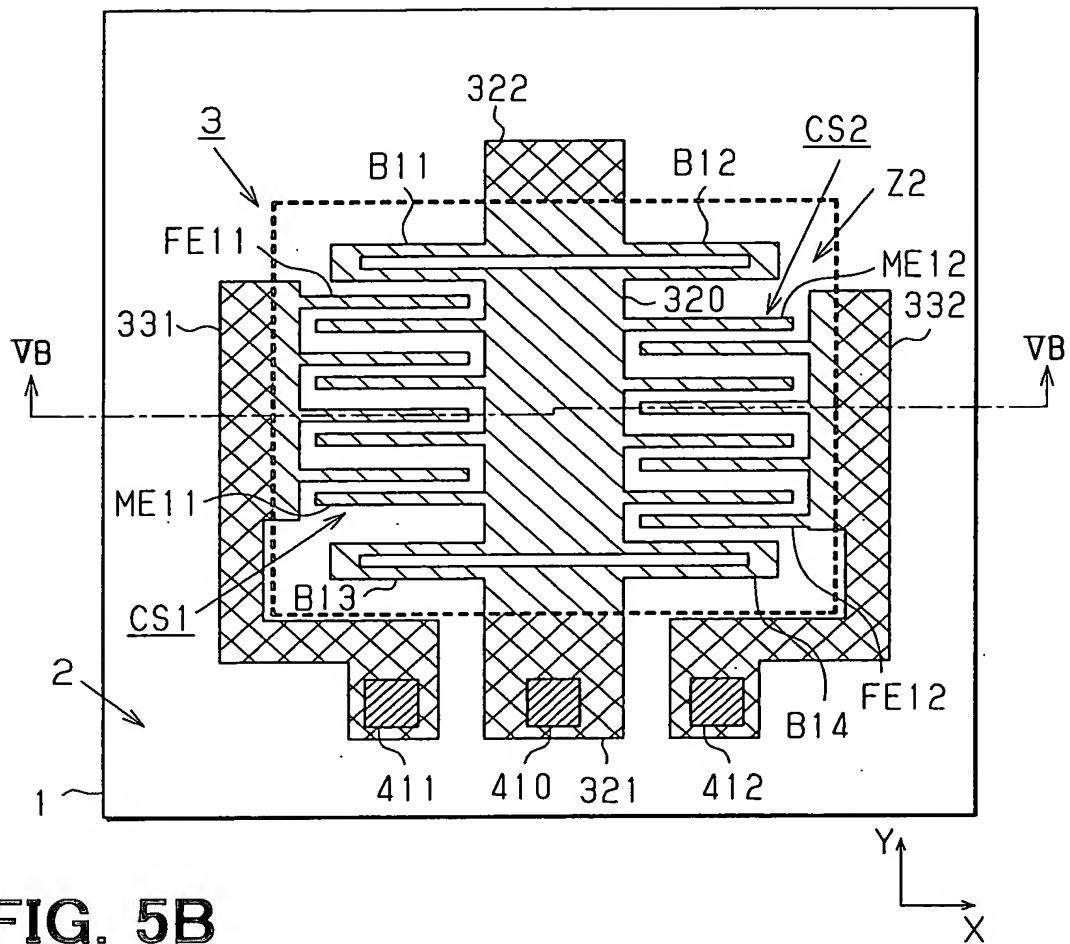


FIG. 5B
PRIOR ART

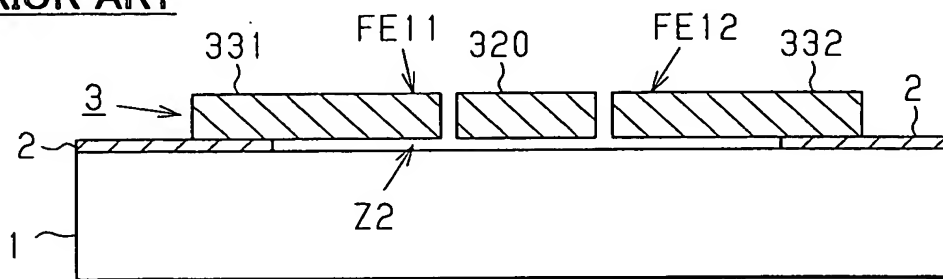


FIG. 6

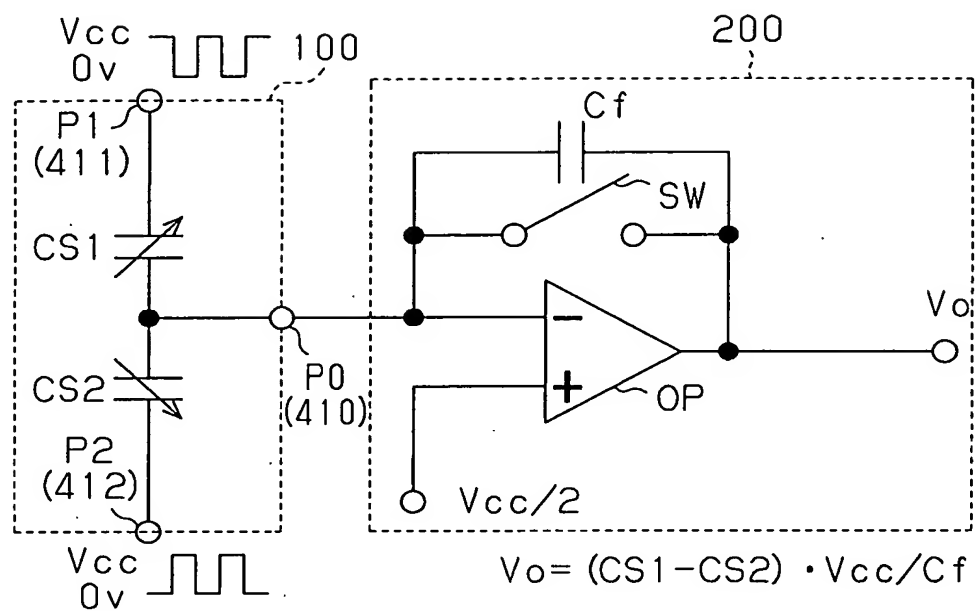


FIG. 7

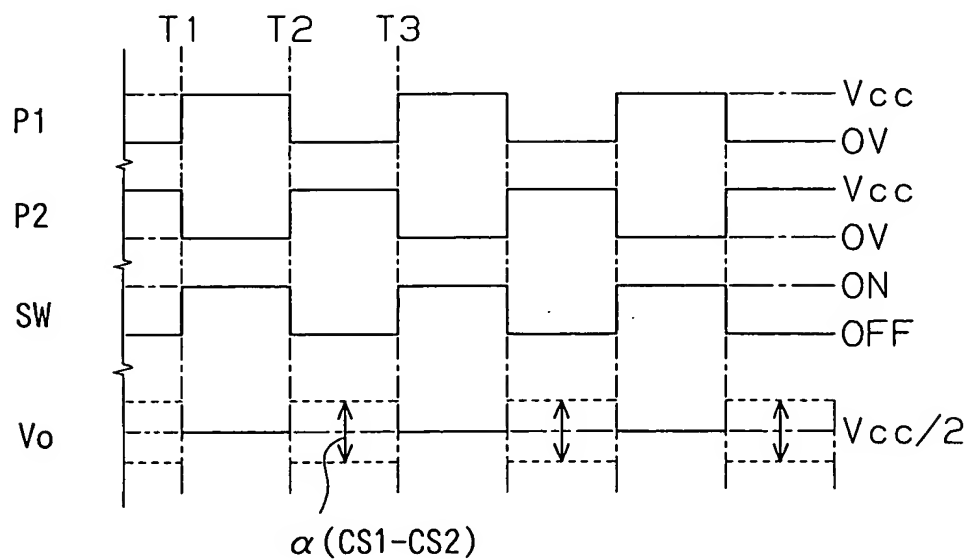


FIG. 8A
PRIOR ART

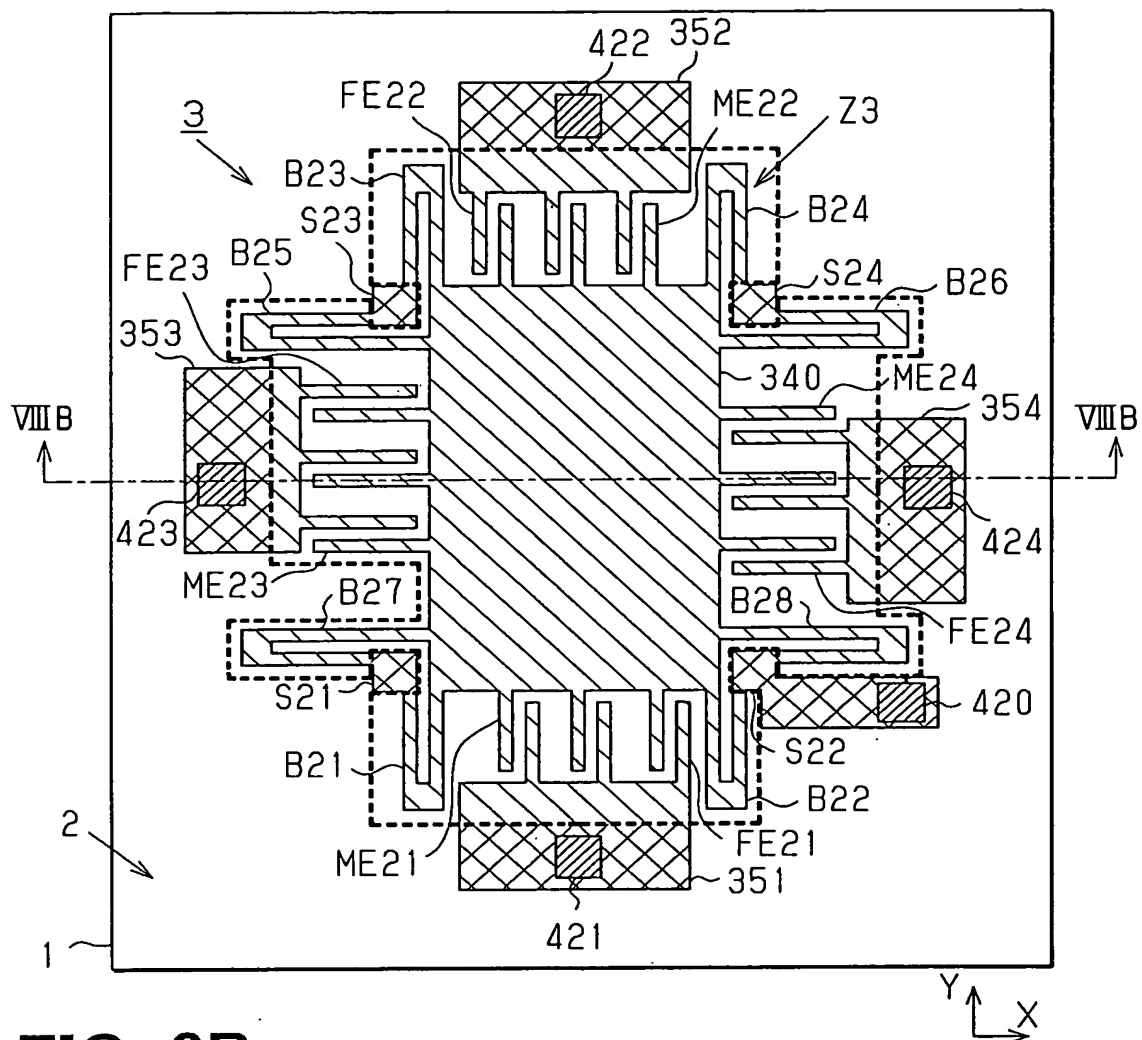


FIG. 8B
PRIOR ART

